

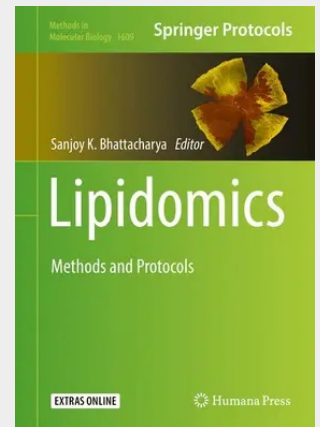
Lipidomics

Methods and Protocols

This volume explores lipidomics through protocols that focus on areas of utility, techniques, and bioinformatics advancements. The protocols in this book cover topics such as isolation of specific membranes and specialized fractionation of subcellular compartments, and computational and functional analysis of lipid metabolizing enzymes. Each protocol also discusses methods of dealing with fractionated organelles—cells to whole organisms. Written in the highly successful *Methods in Molecular Biology* series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls.

Cutting-edge and comprehensive, *Lipidomics: Methods and Protocols* is a useful and valuable resource for biochemists, molecular biologists, and neuroscientists interested in neurology, ophthalmology and vision sciences, as well as massspectrometrists with interest in disease discovery.

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149,79 €

139,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781493969951

Medium: Buch

ISBN: 978-1-4939-6995-1

Verlag: Humana

Erscheinungstermin: 29.06.2017

Sprache(n): Englisch

Auflage: 1. Auflage 2017

Serie: Methods in Molecular Biology

Produktform: Gebunden

Gewicht: 7026 g

Seiten: 281

Format (B x H): 183 x 260 mm

